

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

DPM 2091

P/N 28-AD-0019

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Essex Chemical Corp. Coast Pro-Seal Division		EMERGENCY TELEPHONE NO. (213) 636-0851
ADDRESS (Number, Street, City, State, and ZIP Code) 19451 Susana Road, Compton, California 90221		
CHEMICAL NAME AND SYNONYMS Adhesive, MYLAR W/Accelerator PRO-SEAL 501		TRADE NAME AND SYNONYMS Base
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Polysulfide resins	80-90%		METALLIC COATINGS		
SOLVENTS Ketone	1-2%		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Filler	5-10%		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.3
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	2%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR Amber paste - mercaptan odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Over 200 deg. F open cup	FLAMMABLE LIMITS N/A	Lel	Uel
EXTINGUISHING MEDIA Dry chemical, carbon dioxide, foam, water spray			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE LD₅₀ single dose oral rats 0.5 to 5g per kg

EFFECTS OF OVEREXPOSURE May cause irritation of skin or mucos membranes.

EMERGENCY AND FIRST AID PROCEDURES Flush thoroughly with water, use soap on skin. If accidently ingested, give emetic, consult physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY (Materials to avoid) Avoid strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS SO₂, CO₂, H₂O, upon combustion

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up spillage with rags and/or sweeping compound and solvents

WASTE DISPOSAL METHOD

Preferably burn waste.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) In confined areas. Cannister type

VENTILATION	LOCAL EXHAUST Recommended	SPECIAL OTHER
	MECHANICAL (General)	

PROTECTIVE GLOVES Recommended	EYE PROTECTION Recommended
-------------------------------	----------------------------

OTHER PROTECTIVE EQUIPMENT Coveralls or aprons

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact, do not ingest. Store in closed container below 80 deg. F

OTHER PRECAUTIONS None